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GANTA - GBARNGA GRID EXTENSION ACTIVITY

September 2018 – March 2021 | Implementer: American Procurement Services (APSCO)

The Ganta - Gbarnga Grid Extension Activity is a 33kV medium voltage distribution line extension from the West Africa Power Pool grid connection at Ganta, to serve the communities and services within the Ganta to Gbarnga route. The project involves the construction of 77.82 km of 33 kV and 25.5 km 19 kV medium voltage distribution lines along the Ganta-Gbarnga corridor; and 10 km of low voltage distribution lines within Gbarnga City. The project will supply electricity services to Gbarnga City and up to the final interconnection point in the proximity of Phebe-Cuttington-CARI-Suakoko in Bong County.

The 33kv line will provide electricity to 2,700 households and 150 businesses and institutions in the Suakoko area, including Cuttington University, the Central Agricultural Research Institute (CARI), and Phebe Hospital. Ultimately, the infrastructure objective is to provide electricity to more people of Bong County, particularly in the Gbarnga area. Key institutions, such as the Central Agricultural Institute, Phebe Hospital and Cuttington University, that have anchored the economies of this area for decades, are set to provide improved and more efficient services as they benefit from power delivered by this project.

Current Activities

- Stringing of low voltage cables
- Installation of service drops in Gbarnga city

Accomplishments to Date

- Installation of wooden poles (30', 35' and 40' about 1,350) poles, guys and end structures
- Stringing of all MV cables (About 100 km, 33 and 19 KV).
- Installation of cutoff switches, sectionalizer, and surge arresters
- Installation of transformers in LV network

Planned Outcomes

- Electricity supplied to up to 13,000 households in Gbarnga and Suakoko areas, Cuttington University, Phebe Hospital, and the Agriculture Research Institute